

FEB. 23. 2004 4:26PM

HOWREY SIMON ARNOLD

NO. 8506 P. 6

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VIVIANA AMZEL, PH.D.
CITICORP PLAZA
725 SOUTH FIGUEROA STREET, SUITE 3400
LOS ANGELES, CA 90017-5434



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RECORDATION DATE: 04/09/2000

REEL/FRAME: 010730/0503
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

NYCE, JONATHAN W.

DOC DATE: 06/28/1999

ASSIGNOR:

METZGER, W. JAMES

DOC DATE: 04/15/1999

ASSIGNEE:

EAST CAROLINA UNIVERSITY
2106 SPILMAN BUILDING
GREENVILLE, NORTH CAROLINA

27858-4353

SERIAL NUMBER: 09543679

PATENT NUMBER:

FILING DATE:

ISSUE DATE:

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HOWREY SIMON ARNOLD

NO. 8506 P. 7

010730/0503 PAGE 2

MAURICE CARTER, EXAMINER
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FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

04-28-2000



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Claims priority

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Conveying Party(ies)☐ Mark if additional names of conveying parties attached
Execution Date
Month Day Year
06 28 1999

Name (line 1) Jonathan W. Nyce

Name (line 2) **Second Party**

Name (line 1) W. James Metzger

Name (line 2) Execution Date
Month Day Year
04 15 1999

09/543679

Receiving Party☐ Mark if additional names of receiving parties attached

Name (line 1) East Carolina University

Name (line 2)

Address (line 1) 210b Spilman Building

Address (line 2)

Address (line 3) Greenville

North Carolina

27858-4353

City

State/Country

Zip Code

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Domestic Representative Name and Address

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Name Viviana Amzel, Ph.D.

Address (line 1) ARTER & HADDEN, L.L.P.

Address (line 2) 725 South Figueroa Street, #3400, Los Angeles, CA 90017

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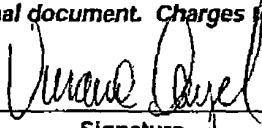
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FORM PTO-1619B <small>Expires 06/30/99 OMB 0651-0027</small>		Page 2		U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address			Area Code and Telephone Number (213) 430-3520		
Name Viviana Amzel, Ph.D. (Reg. No. 30,930)					
Address (line 1) Arter & Hadden LLP					
Address (line 2) Citicorp Plaza					
Address (line 3) 725 South Figueroa Street, Suite 3400					
Address (line 4) Los Angeles, CA 90017-5434					
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Fee Amount		Fee Amount for Properties Listed (37 CFR 3.41): \$ 2 x \$40.00 = \$80.00			
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Authorization to charge additional fees: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Statement and Signature					
<i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.</i>					
Viviana Amzel, Ph.D.				April 4, 2000	
Name of Person Signing		Signature		Date	

ASSIGNMENT

WHEREAS, Jonathan W. Nyce, a citizen of the United States of America, residing at 59 Sayre Drive, Princeton, New Jersey 08540, Assignor, has invented new and useful LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION, ALLERGY(IES) & SURFACTANT DEPLETION for which an application for United States Letters Patent was executed by him on or about the same date as this Assignment; and

WHEREAS, Assignor believes himself to be the original, first and sole inventor of the invention disclosed and claimed in the application for Letters Patent; and

WHEREAS, East Carolina University, a constituent institution of the University of North Carolina and an educational institution chartered under the laws of the State of North Carolina, having a principal place of operation at 210 Spilman Building, Greenville, North Carolina 27858-4353, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the U.S. and throughout

throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

Assignor further authorizes and requests insertion below of the serial number and filing date of the application, when officially known:

Serial No. 60/127,958

Filing Date 4/9/99

IN WITNESS WHEREOF, Assignor has executed this Assignment.

Date: 6/28/99


JONATHAN W. NYCE

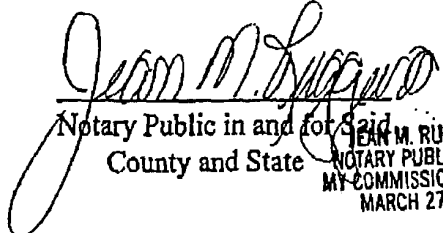
State of New Jersey)

) ss.

County of Middlesex)

On this 28 day of June, in the year of 1999, before me personally appeared Jonathan Nyce, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.


Notary Public in and for Said
County and State

JEAN M. RUGGIERO
NOTARY PUBLIC OF N.J.
MY COMMISSION EXPIRES
MARCH 27, 2001

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ASSIGNMENT

WHEREAS, W. James Metzger, a citizen of the United States of America, residing at 238 Windsor Road Greenville, NC 27858, Assignor, has invented new and useful LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION, ALLERGY (IES) & SURFACTANT DEPLETION, for which an application for United States Letters Patent was executed by him on or about the same date as this Assignment; and

WHEREAS, Assignor believes himself to be the original, first and sole inventor of the invention disclosed and claimed in the application for Letters Patent; and

WHEREAS, East Carolina University, a constituent institution of the University of North Carolina and an educational institution chartered under the laws of the State of North Carolina, having a principal place of operation at 103 Spilman Building, Greenville, North Carolina 27858-4353, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of

throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

Assignor further authorizes and requests insertion below of the serial number and filing date of the application, when officially known:

Serial No. 60/127,958

Filing Date 4/6/99

IN WITNESS WHEREOF, Assignor has executed this Assignment.

Date: 4/15/99

W. James Metzger
W. JAMES METZGER

State of North Carolina)

County of Pitt) ss.

On this 15 day of April, in the year of 1999, before me personally appeared W. James Metzger, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

Stephen B. Chodley
Notary Public in and for Said
County and State

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